

Work Order ID **55634**

January 26, 2010 11:41:43 AM



Page 1

Item ID: D4002-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Hose Assembly

Start Date: 1/26/10

Start Qty: 3.00



Cust Item ID:

Required Date: 2/03/10

Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan: *11*Date: *10-1-26*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4002

A PRELIM *11/25*

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: *11125*
Purchase part as per Dwg D4002
Part #: 156001-3S-0074
Possible Supplier: Aviall / API
Material release note required

PL 10-1-26 (3)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

PL 10/26/10 (3)~~PRELIMINARY ISSUE~~ *11/25*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55634

January 26, 2010 11:41:43 AM



Page 2

Item ID: D4002-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Hose Assembly

Start Date: 1/26/10

Start Qty: 3.00



Cust Item ID:

Required Date: 2/03/10

Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Quality Control

8 w/holes to premen day only = 3
Memo

0.00

QC APPROVAL

Scrubbed

see attached email to us dated 1/26/10

(K3)

130

Identify as per dwg & Stock Location:

0.00



Packaging

Packaging

Memo

Prel Shelf

0.00

Jan 10-04-13

(3)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Quality Control

Memo

0.00

11/4/18

BS 10-4-14

(3)

POSITIVE RECALL

EFFECTIVE *10-21-26* AUTH *u*

RELEASED *afule* DATE *8*

1/4 (990)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
100726	120	Hoses not together prelim or Rev. A chng. Hoses are 8.20" long → chng shows 6.76". u A C						

NOTE: Date & initial all entries

Picklist Print

January 26, 2010 11:41:47 AM

Page 1
T

Work Order ID: 55634



Parent Item: D4002-3



Parent Item Name: Hose Assembly

Start Date: 1/26/10

Required Date: 2/03/10

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD

Start Qty: 3.00

Required Qty: 3.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
T56001-3S-0074 Hose Assembly		Purchased	No			100	Each	0.0000	3.0000 		1/26/10	(3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

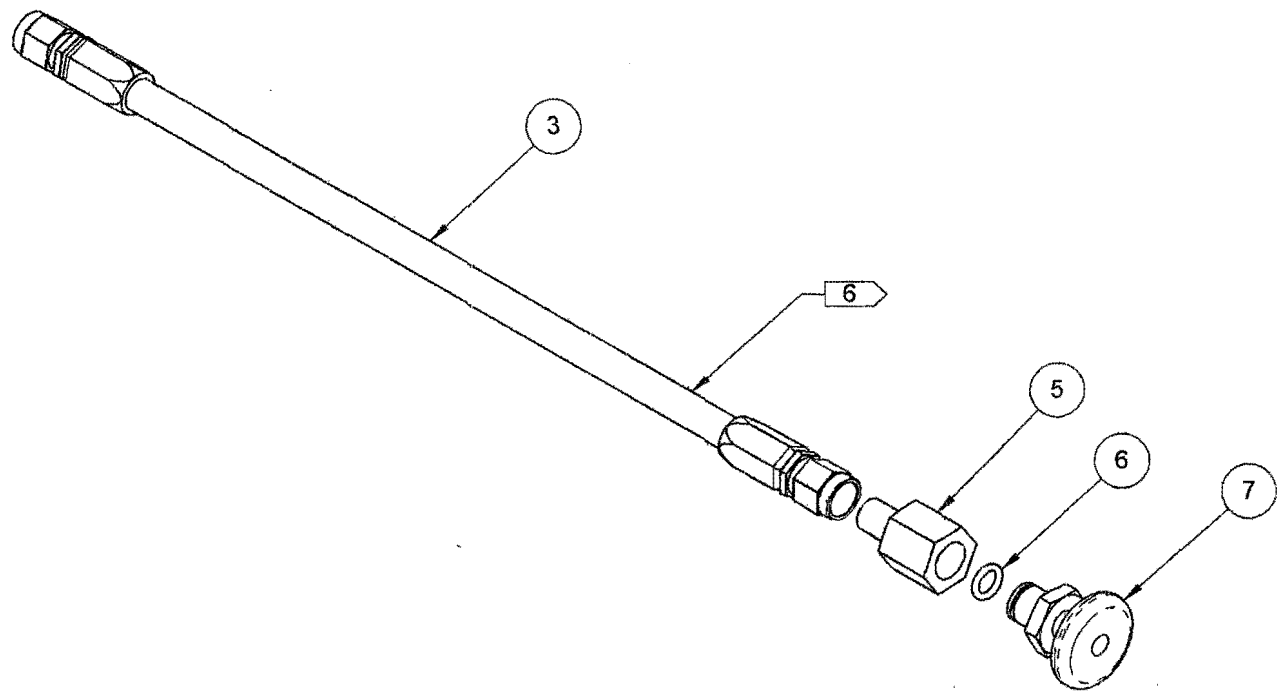
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

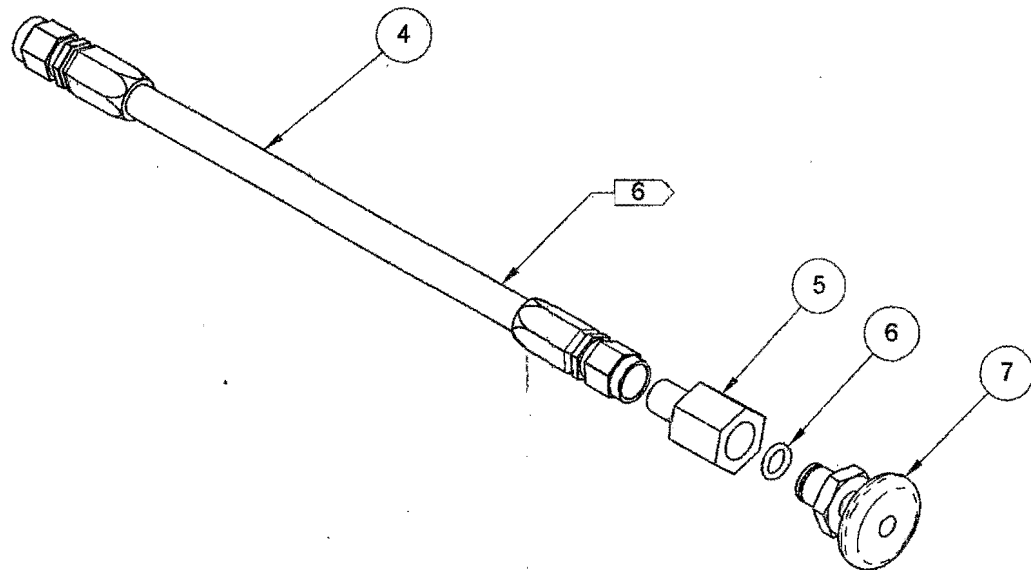
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

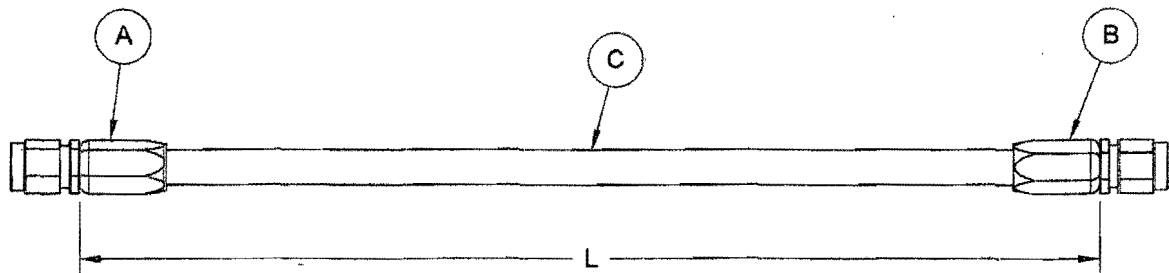
PRELIMINARY
ISSUE

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 - 7) WEIGHT: D4002-041 - 0.13 lbs
D4002-043 - 0.12 lbs

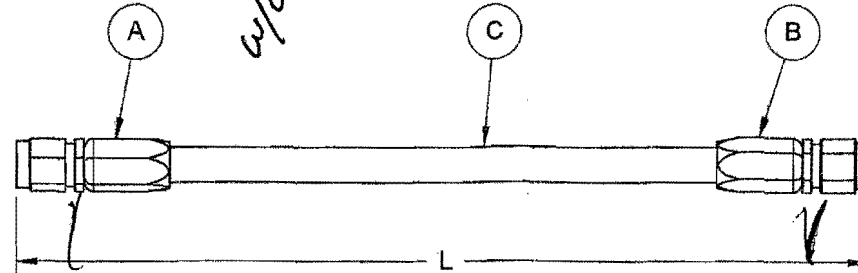
A	NEW ISSUE		10.03.01
REV.		DESCRIPTION	BY DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4002	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HOSE ASSEMBLY	NTS
DATE	10.03.01	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

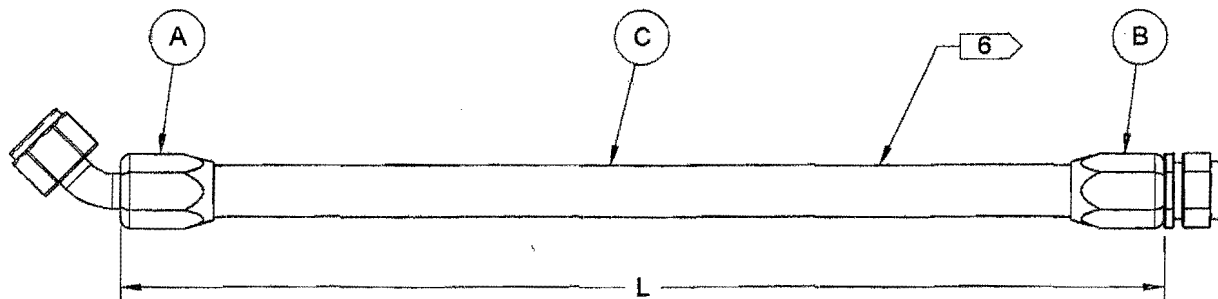
SPECIFICATION CONTROL DRAWING



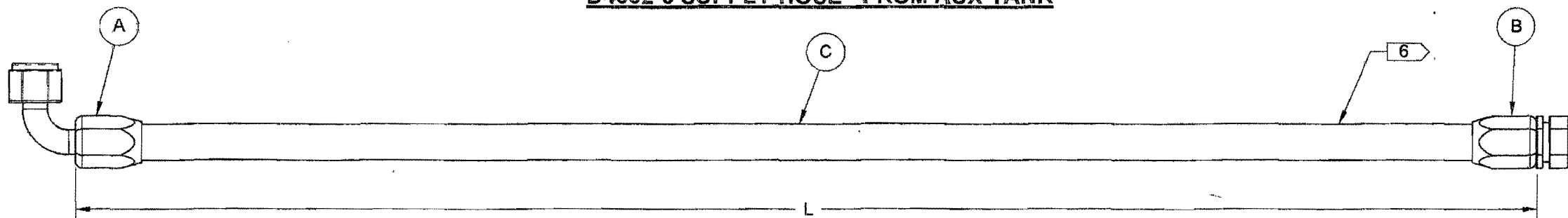
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

**PRELIMINARY
ISSUE**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0105	AVIALL/API	9.90	676-3S	676-3S	156-3	0.08 lbs
D4002-3	156001-3S-0074	AVIALL/API	6.76	676-3S	676-3S	156-3	0.07 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
7) WEIGHT: SEE TABLE

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. D4002 REV. A
MFG. APPR.		SHEET 2 OF 2
APPROVED		TITLE HOSE ASSEMBLY SCALE NTS
DE APPR.		
DATE	10.03.01	

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11225

Purchase Order Date 1/26/10

PO Print Date 1/26/10

Page Number 1 of 1

Order From :

VC-AVI001

AVIALL
PO BOX 9534 STATION A
TORONTO, ON M5W 2K3
CA

Contact Name
Vendor Phone 905 676 1695
Vendor Fax 905 676 9046
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	156001-3S-0074	Hose Assembly	1/29/10 Yes	✓ 3.00 Each	FedEx Overnight	\$90.0700	\$270.21
2	156001-3S-0105	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$93.7900	\$281.37
3	156003-6D0102	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$107.3200	\$321.96
4	156005-6D0213	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$119.0700	\$357.21
PO Total:							\$1,230.75

PO Instructions: FedEx acct# 1517 9324 0

Change Nbr: 2

Change Date: 1/26/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



PACKING LIST



PAGE: 1

DATE: 01/29/10

TIME/HEURE: 10:19

EMP#: 22611

ORDER TYPE / TYPE DE COMMANDE: RG

CURRENCY: CAN

CUSTOMER P.O. 11225
BON DE COMMANDE
ORDER NUMBER: 0000870298- 257499
No DE COMMANDE
ORDER DATE: 01/27/10
DATE DE COMMANDE

SHIP NBR: 257499
No DE EXPEDITEUR

SHIP VIA: FED PLAM - COLLECT
EXPEDIER PAR

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DART AEROSPACE LTD
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HAWKESBURY ON K6A 1K7
CANADA

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1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

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34170
AVIAL TORONTO CSC
1840 ALSTEP DR. UNIT 5
MISSISSAUGA ON L5S 1W1

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
FED X P1 COLLECT ON CUSTOMER ACCT 1517-9324-0									
1	1S	156001-3S0074 HOSE ASSY Schedule B: 8803300010 LOT 51219475 EA	3	3 ✓		0 EA	90.07	90.0700	270.21
2	1S	156003-6D0102 HOSE ASSY Schedule B: 8803300010 LOT 51219469 EA	3	3		0 EA	107.32	107.3200	321.96
3	1S	156001-3S0105 HOSE ASSY Schedule B: 8803300010 LOT 51219476 EA	3	3		0 EA	93.79	93.7900	281.37
4	1S	156005-6D0213 HOSE ASSY Schedule B: 8803300010 LOT 51219477 EA	3	3		0 EA	119.07	119.0700	357.21

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.
Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recue.

AV19 R2-99

G.S.T.REG.NO.R121506208

Signed

Date

01/29/10

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE
RETOURNEE.



PACKING LIST



PAGE: 2

DATE: 01/29/10

TIME/HEURE: 10:19

EMP#: 22611

CUSTOMER P.O.: 11225
BON DE COMMANDEORDER NUMBER: 0000870298- 257499
No DE COMMANDEORDER DATE: 01/27/10
DATE DE COMMANDESHIP NBR: 257499
No DE EXPEDITEUR

ORDER TYPE / TYPE DE COMMANDE: RG

CURRENCY: CAN

SHIP VIA: FED PLAM - COLLECT
EXPEDIER PARS O V L E N D U A T O
006166
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS E
H X
I P
D I
E R
T O
A
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS E 34170
H X
I P
D I
E R
T O
A
AVIALL TORONTO CSC
1840 ALSTEP DR. UNIT 5
MISSISSAUGA ON L5S 1W1

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
------	-----	---------------------	--	---------------------------------------	-----------------------------	-----	------------	----------------	----------------------------

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL 1,230.75
AOC TOTAL 0.00
TAXES 61.54
FREIGHT 0.00
FUEL SURCHARGE 0.00
ESTIMATED TOTAL 1,292.29
Currency: Canadian Dollar

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.
Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recue.

NO 0121506208

Signed

Date 01/29/10

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE
RETOURNEE.

CUSTOMER COPY / FILE COPY

[1:11:34 PM] Linda Lacelle says: Harvey????

[1:11:47 PM] *** Linda Lacelle added Melanie Fauteux to this chat

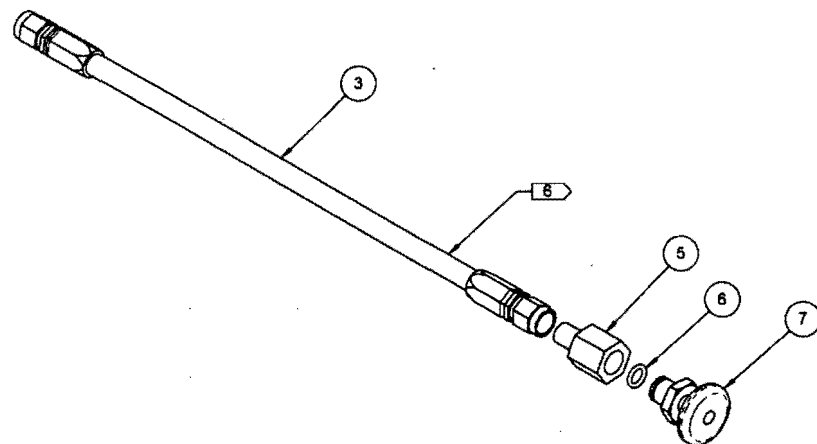
[1:12:12 PM] Linda Lacelle says: can you look at drwg D4002, why is the D4002-3 measured from end to end, when the rest are from inside?

[1:40:21 PM] Harvey Siemens says: I have a note to correct that as well as something on D4008. Noted and will be changed.

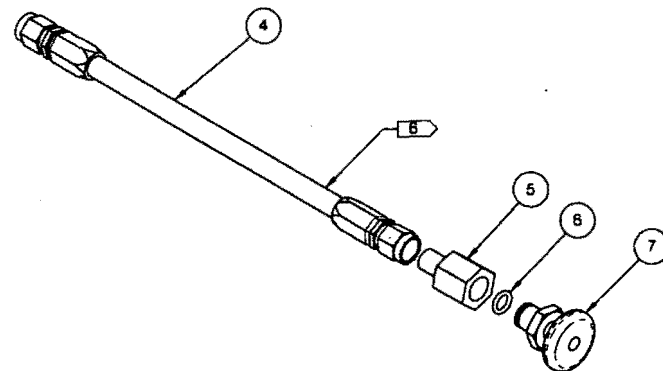
[1:42:21 PM] Linda Lacelle says: ok, so we should be measuring from inside-not end to end, correct?

[1:47:49 PM] Harvey Siemens says: yes that is correct

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.13 lbs
D4002-043 - 0.12 lbs

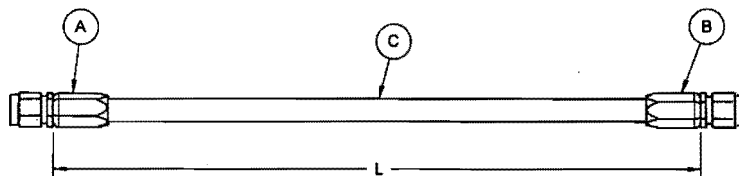
RELEASED
2010-05-05
JH

A	NEW ISSUE		10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.03.01		

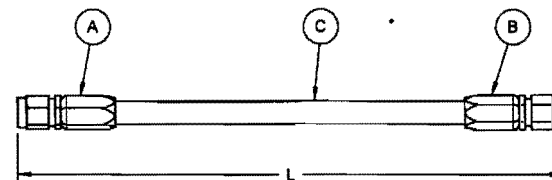
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4002	REV. A
TITLE HOSE ASSEMBLY	SCALE NTS
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

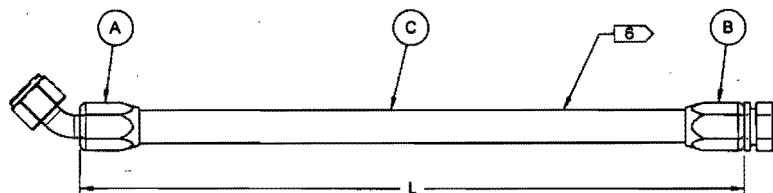
SPECIFICATION CONTROL DRAWING



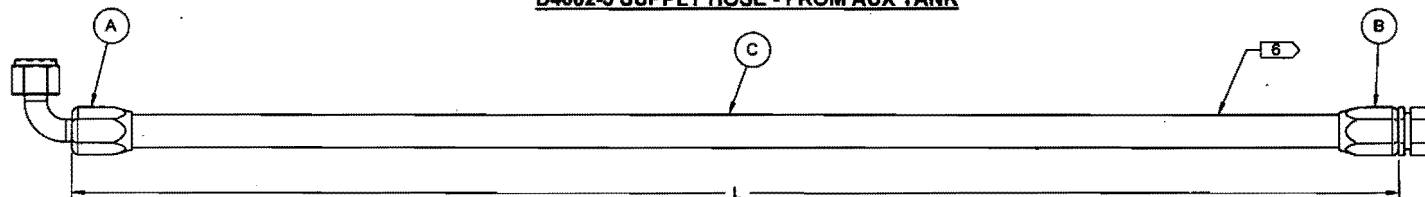
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0105	AVIALL/API	9.90	676-3S	676-3S	156-3	0.08 lbs
D4002-3	156001-3S-0074	AVIALL/API	6.76	676-3S	676-3S	156-3	0.07 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	676-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

RELEASED
2010-05-05
WJ

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D4002	REV. A
MFG. APPR.		TITLE HOSE ASSEMBLY	SHEET 2 OF 2
APPROVED		DATE 10.03.01	SCALE NTS
DE APPR.		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	